## RECEIVED-WATER SUPPLY

# MISSISSIPPI STATE DEPARTMENT OF HEALTH JUN 28 PM 4: 04 BUREAU OF PUBLIC WATER SUPPLY CCR CERTIFICATION FORM CALENDAR YEAR 2012

Anchor	Water Association Inc.
List PWS ID #s for all C	Community Water Systems included in this CCR
The Federal Safe Drinking Water Act (SDWA) re Consumer Confidence Report (CCR) to its custom system, this CCR must be mailed or delivered to the customers upon request. Make sure you follow the of electronic delivery, we request you mail or facheck all boxes that apply.	equires each Community public water system to develop and distribute a ners each year. Depending on the population served by the public water customers, published in a newspaper of local circulation, or provided to the proper procedures when distributing the CCR. Since this is the first year ax a hard copy of the CCR and Certification Form to MSDH. Please
Customers were informed of availability	of CCR by: (Attach copy of publication, water bill or other)
Advertisement in local p On water bills (attach co Email message (MUST Other	paper (attach copy of advertisement) opy of bill) Email the message to the address below)
Date(s) customers were informed: 6	2413, 11, 11
CCR was distributed by U.S. Postal Somethods used	ervice or other direct delivery. Must specify other direct delivery
Date Mailed/Distributed:/_/	
CCR was distributed by Email (MUST E  As a URL (Provide URI  As an attachment  As text within the body	mail MSDH a copy)  Date Emailed: / /  of the email message
CCR was published in local newspaper. (	Attach copy of published CCR or proof of publication)
Name of Newspaper: Dx for a E	agle
Date Published: 6/26/13	
CCR was posted in public places. (Attach	list of locations) Date Posted:/
CCR was posted on a publicly accessible	internet site at the following address ( <b>DIRECT URL REQUIRED</b> ):
public water system in the form and manner he SDWA. I further certify that the informat	
Deliver or send via U.S. Postal Service: Bureau of Public Water Supply	May be faxed to: (601)576-7800

P.O. Box 1700 Jackson, MS 39215

May be emailed to: Melanie. Yanklowski@msdh.state.ms.us

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### 2013 JUN 17 PM 2: 57

2012 Annual Drinking Water Quality Report Anchor Water Association PWS#: 0360002 June 2013

We're pleased to present to you this year's Annual Quality Water Report. This report is designed to inform you about the quality water and services we deliver to you every day. Our constant goal is to provide you with a safe and dependable supply of drinking water. We want you to understand the efforts we make to continually improve the water treatment process and protect our water resources. We are committed to ensuring the quality of your water. Our water source is from wells drawing from the Lower Wilcox Aquifer.

The source water assessment has been completed for our public water system to determine the overall susceptibility of its drinking water supply to identify potential sources of contamination. A report containing detailed information on how the susceptibility determinations were made has been furnished to our public water system and is available for viewing upon request. The wells for the Anchor Water Association have received a moderate susceptibility ranking to contamination.

If you have any questions about this report or concerning your water utility, please contact Jim White at 662-513-6006. We want our valued customers to be informed about their water utility. If you want to learn more, please attend any of our regularly scheduled meetings. They are held on the second Monday of each month at 7:00 PM at the Anchor Water Office.

We routinely monitor for constituents in your drinking water according to Federal and State laws. This table below lists all of the drinking water contaminants that were detected during the period of January 1st to December 31st, 2012. In cases where monitoring wasn't required in 2012, the table reflects the most recent results. As water travels over the surface of land or underground, it dissolves naturally occurring minerals and, in some cases, radioactive materials and can pick up substances or contaminants from the presence of animals or from human activity; microbial contaminants, such as viruses and bacteria, that may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife; inorganic contaminants, such as salts and metals, which can be naturally occurring or result from urban storm-water runoff, industrial, or domestic wastewater discharges, oil and gas production, mining, or farming; pesticides and herbicides, which may come from a variety of sources such as agriculture, urban storm-water runoff, and residential uses; organic chemical contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations and septic systems; radioactive contaminants, which can be naturally occurring or be the result of oil and gas production and mining activities. In order to ensure that tap water is safe to drink, EPA prescribes regulations that limit the amount of certain contaminants in water provided by public water systems. All drinking water, including bottled drinking water, may be reasonably expected to contain at least small amounts of some constituents. It's important to remember that the presence of these constituents does not necessarily indicate that the water poses a health risk.

In this table you will find many terms and abbreviations you might not be familiar with. To help you better understand these terms we've provided the following definitions:

Action Level - the concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

Maximum Contaminant Level (MCL) - The "Maximum Allowed" (MCL) is the highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.

Maximum Contaminant Level Goal (MCLG) - The "Goal" (MCLG) is the level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

Maximum Residual Disinfectant Level (MRDL) – The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control microbial contaminants.

Maximum Residual Disinfectant Level Goal (MRDLG) – The level of a drinking water disinfectant below which there is no known or expected risk of health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.

Parts per million (ppm) or Milligrams per liter (mg/l) - one part per million corresponds to one minute in two years or a single penny in \$10,000.

Parts per billion (ppb) or Micrograms per liter - one part per billion corresponds to one minute in 2,000 years, or a single penny in \$10,000,000.

Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL	Unit Measure -ment	MCLG	MCL	Likely Source of Contamination
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10. Barium	N	2012	.002	No Range	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
13. Chromium	N	2012	1.5	.6 1.5	ppb	100	100	Discharge from steel and pulp mills; erosion of natural deposits
14. Copper	N	2009/11*	.2	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
16. Fluoride	N	2012	.11	No Range	ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
17. Lead	N	2009/11*	1	0	ppb	0	AL≂15	Corrosion of household plumbing systems, erosion of natural deposits
Disinfection	n By	Products	6	No Range	ppb	0	60	By-Product of drinking water disinfection.
82. TTHM [Total trihalomethanes]	N	2012	6.28	No Range	ppb	0	80	
Chlorine	N	2012	1.30	.5 – 2.5	ppm	0	MRDL = 4	Water additive used to control microbes

<sup>\*</sup> Most recent sample. No sample required for 2012.

We have learned through our monitoring and testing that some constituents have been detected however the EPA has determined that your water IS SAFE at these levels.

We are required to monitor your drinking water for specific constituents on a monthly basis. Results of regular monitoring are an indicator of whether or not our drinking water meets health standards. In an effort to ensure systems complete all monitoring requirements, MSDH now notifies systems of any missing samples prior to the end of the compliance period.

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. Our Water Association is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at http://www.epa.gov/safewater/lead. The Mississippi State Department of Health Public Health Laboratory offers lead testing. Please contact 601.576.7582 if you wish to have your water tested.

All sources of drinking water are subject to potential contamination by substances that are naturally occurring or man made. These substances can be microbes, inorganic or organic chemicals and radioactive substances. All drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that the water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline at 1-800-426-4791.

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by cryptosporidium and other microbiological contaminants are available from the Safe Drinking Water Hotline 1-800-426-4791.

#### \*\*\*\*\*April 1, 2013 MESSAGE FROM MSDH CONCERNING RADIOLOGICAL SAMPLING\*\*\*\*\*

In accordance with the Radionuclides Rule, all community public water supplies were required to sample quarterly for radionuclides beginning January 2007 – December 2007. Your public water supply completed sampling by the scheduled deadline; however, during an audit of the Mississippi State Department of Health Radiological Health Laboratory, the Environmental Protection Agency (EPA) suspended analyses and reporting of radiological compliance samples and results until further notice. Although this was not the result of inaction by the public water supply, MSDH was required to issue a violation. This is to notify you that as of this date, your water system has completed the monitoring requirements and is now in compliance with the Radionuclides Rule. If you have any questions, please contact Karen Walters, Director of Compliance & Enforcement, Bureau of Public Water Supply, at 601.576.7518.

The Anchor Water Association works around the clock to provide top quality water to every tap. We ask that all our customers help us protect our water sources, which are the heart of our community, our way of life and our children's future.

This report will not be mailed to individual customers, however you may obtain a copy from our office.

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# PROOF OF PUBLICATION

PRINTER'S FEE \$ 404.10

#### THE STATE OF MISSISSIPPI LAFAYETTE COUNTY

Personally appeared before me, a notary public in and for said county and State, the undersigned

3(e/07) Tim Phillips

Who, after being duly sworn, deposes and says that he is the Co-Publisher of the Oxford Eagle, a newspaper published daily in the City of Oxford, in said county and State, and that the said newspaper has been published for more than one year and that

published for	which is hereto	Onsecutive	as/
weeks in said r	newspaper as fo	llows:	
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